

FIG. 1A
PRIOR ART

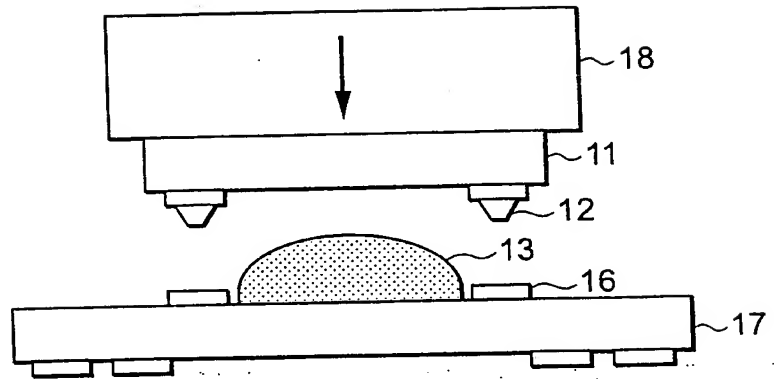
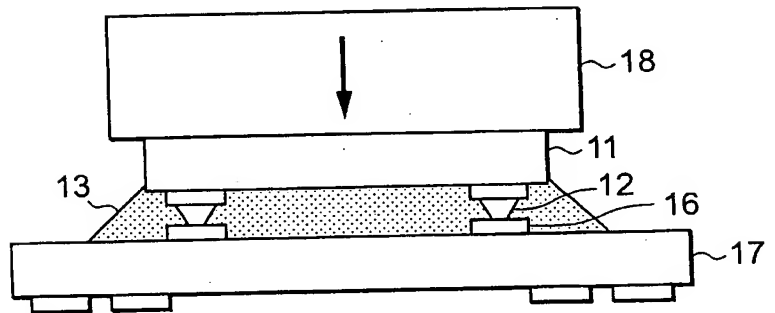


FIG. 1B
PRIOR ART



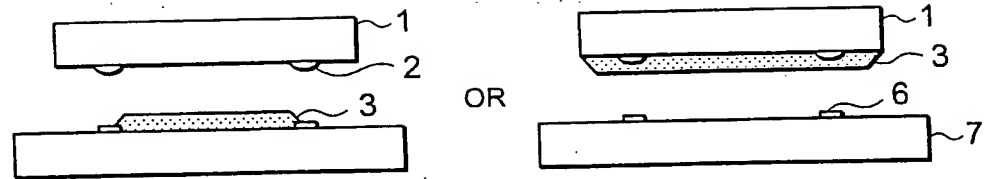
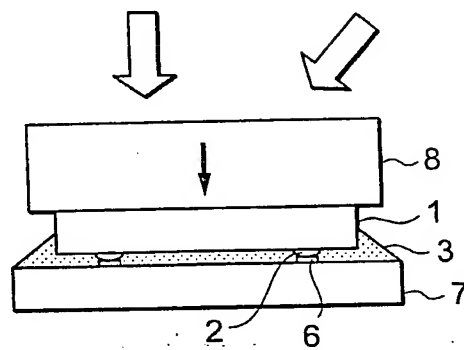
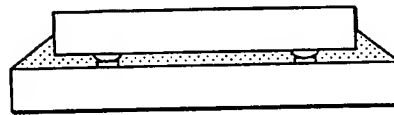


FIG. 2A



THERMOPLASTIC RESIN
MELTS AND MAKES
CONTACT (2 TO 3 SEC)
HEAT OR ULTRASONICS

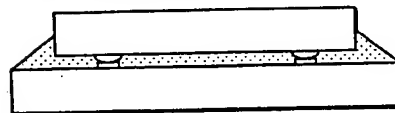
FIG. 2B



THERMOPLASTIC RESIN
HARDENS AND FIXES
CONTRACTION OF
THERMOPLASTIC RESIN
DUE TO COOLING +
(CONTRACTION OF
THERMOSETTING RESIN)

FIG. 2C

BATCH PROCESSING WITH
NO PRESSURE APPLIED



CONTRACTION OF
THERMOSETTING
RESIN DUE TO
CURING REACTION

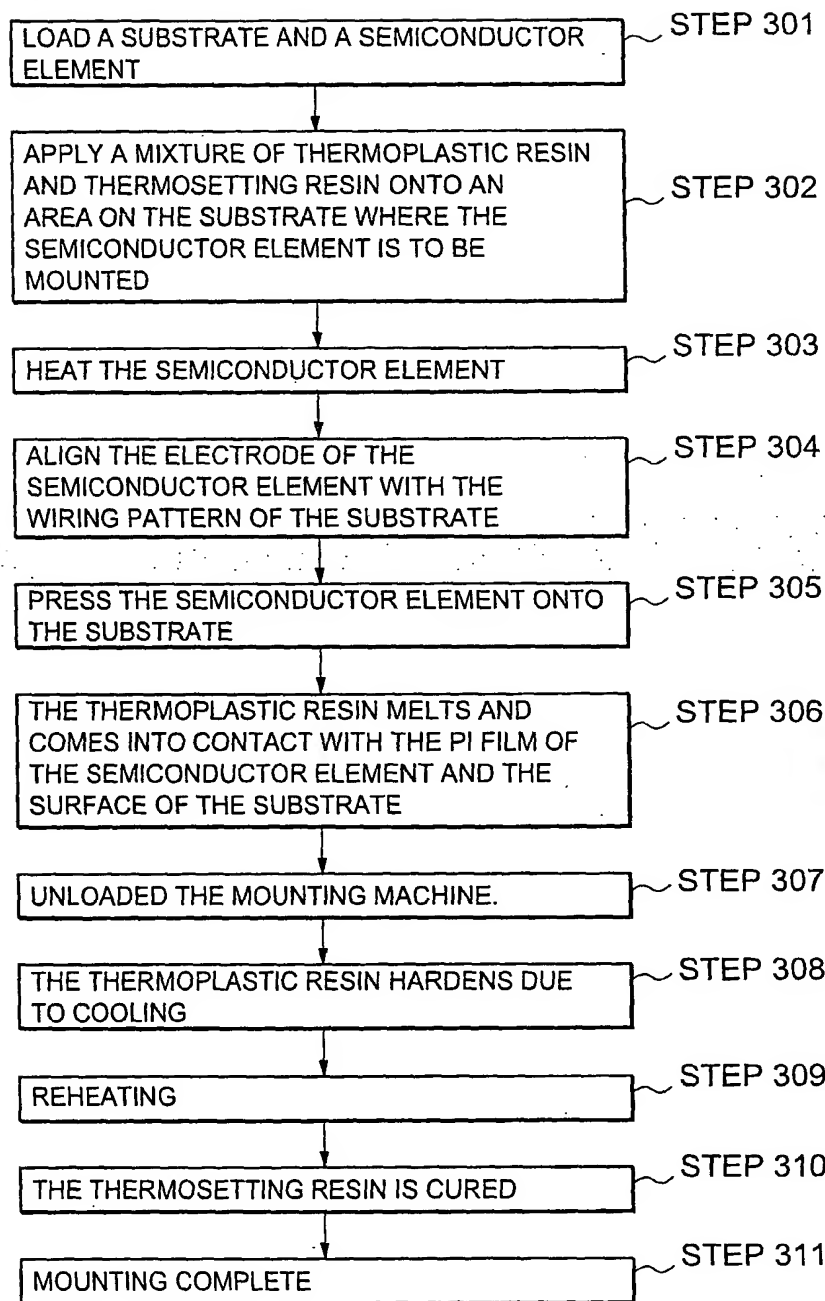


FIG. 3A

FIG. 3B

FIG. 3C

FIG. 4

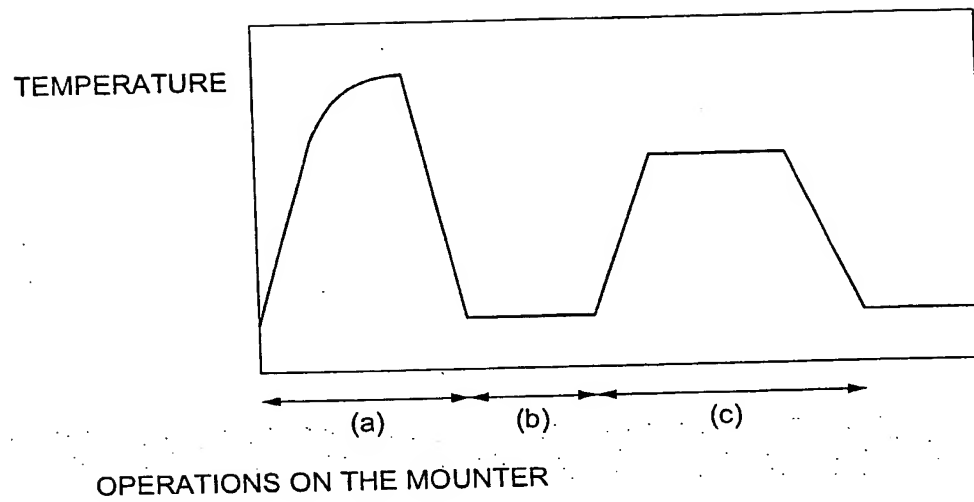


FIG. 5

